FEB 2 3 2004

Substitute for Form 1449A/PTO (Modified)

Sheet

INFORMATION DISCLOSUR PRADE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

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Complete if Known Mication Number 10/648,956 08/27/2003 Filing Date First Named Inventor: Rajiv Ramaswami **Group Art Unit** 2855 2*8 83* **Examiner Name** Unassigned 3239P081D2 Attorney Docket Number

				110 547717 5001117170		CLASS	Sus
				U.S. PATENT DOCUMENTS		<u> </u>	
Exam. Initial*	Cite No.1	U.S. Patent I	Document	Name of Patentee or Applicant	Date of Issue/		mns, Lines,
muan	NO.	Number	Kind	of Cited Document	Publication of Cited Document		Relevant or Relevant
		Code ²	(If known)		MM-DD-YYYY		Appear
Bull.		3,651,392		Frisch, et al.	3/21/1972	318	561
BUK		4,365,863		Broussaud	12/28/1982	385	18X
ent		4,369,523		Seki, et al.	1/18/1983	450	601
en		4,437,190	L	Rozenwaig, et al.	3/13/1984	455	600
االالا		4,470,154		Yano	9/4/1984	455	607
gu V		4,519,670		Spinner, et al.	5/28/1985	350	96.15
CGN N		4,530,566		Smith, et al.	7/23/1985	350	96.20
BUH		4,563,774		Gloge	1/7/1986	455	607
SAN		4,580,873		Levinson	4/8/1986	385	17X
15W	<u> </u>	4,612,670		Henderson	5/16/1986	455	607
an H		4,634,239		Buhrer	10/6/1987	350	486
RAN		4,797,879		Habbab, et al.	. 1/10/1989	370	3
BM		4,817,014	<u> </u>	Schneider, et al.	3/28/1989	364	728.03
BURT	Ĺ	4,843,382		Oda, et al.	6/27/1989	455	601X
840		4,856,863		Sampsell, et al.	8/15/1989	385	18×
EUL		4,859,012	<u> </u>	Chon	8/22/1989	385	18X
EWIS		4,886,335	<u> </u>	Yanagawa, et al.	12/12/1989	385	180
anno	<u> </u>	4,897,830	ļ	Hill, et al.	1/30/1990	370	4
SW	<u> </u>	4,903,225		Brost	2/20/1990	375	96
rss Mr		4,982,446	<u> </u>	Lord, et al.	1/1/1991	455	600

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Exam. Initial*	Cite No. ¹	Fore Office ³	ign Patent Docum Number ⁴ Kind (If k		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Cold Lines, Where R Passages or R Figures App	nns, Televant
QWA		WO	86/04205		PCT	07/17/86	H040	111/02
Sw		WO	86/05649		PCT	09/25/86	11040	11/02
BMS	1	WO	90/14734		PCT	11/29/90	HA4N	7/2
BWB		WO	91/01603		PCT	02/07/91	1+045	14/18
Burs		WO	95/19689		PCT	07/20/95	H040	11/03
emos		EP	0 674 457	A2	Fujitsu	09/27/95	385	240
BM/13		EP	0 721 275	A2	EPO	12/28/95	HO4M	3/2/

Examiner Signature	& Healy	Date Considered
		

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Com	plete if Known
Application Number	10/648,956
Filing Date	08/27/2003
First Named Inventor:	Rajiv Ramaswami
Group Art Unit	2855 2883
Examiner Name	Umassigned Healy
Attorney Docket Number	3239P081D2

				U.S. PATENT DOCUMENTS			
Exam. Initial*	Cite No.1	U.S. Patent (Document Kind	Name of Patentee or Applicant of Cited Document	Date of Issue/ Publication of Cited	Pages, Color Where R	elevant
		Code ²	(If known)		Document MM-DD-YYYY	Passages of Figures	ppear
-3W	1	4,984,238		Watanabe, et al.	1/8/1991	370	105.1
3		5,035,482		ten Berge, et al.	7/30/1991	385	9620
SWY,		5,037,173		Sampsell, et al.	8/6/1991	385	11
SWV		5,157,652		Walker	10/20/1992	370	17
Que.		5,216,729		Berger, et al.	6/1/1993	385	31
Burg		5,253,274		Janniello, et al.	10/12/1993	375	121
BWY		5,260,819		Hadifotiou, et al.	11/9/1993	359	/3
But		5,272,556		Faulkner, et al.	12/21/1993	359	125
CMIS		5,299,044		Mosch, et al.	3/29/1994	359	110
BMAT		5,349,550		Gage	9/20/1994	364	728.03
BW		5,355,238		Kight, et al.	10/11/1994	359	135
BWA		5,359,683		Pan	10/25/1994	385	22
Bark	<u> </u>	5,440,654		Lambert, Jr.	8/8/1995	385	17
BWY	<u> </u>	5,477,364		Pearson	12/19/1995	359	139
anx	<u> </u>	5,485,300	<u> </u>	Daley	1/16/1996	359	180
BM		5,487,120		Choy, et al.	1/23/1996	385	24
COM		5,488,862		Neukermans, et al.	2/6/1996	73	501,02
NW D		5,515,361		Li, et al.	5/7/1996	370	15
Sing.	L	5,521,732	<u> </u>	Nishio	5/28/1996	359	120
15/10		5,521,734		Frigo	5/28/1996	359	152

Exam. Cite Initial* No.1		Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Pages, Columns,
		Office ³ Number ⁴ Kind Code ⁵ (If known)			of Cited Document	of Cited Document MM-DD-YYYY	Lines Where Relevant Passages of Relevant Figures Appear
300		EP	0 752 794	A2	EPO	01/08/97	HO40 11/00
Cons)	EP	0 759 681	A2	EPO	02/26/97	385 17X
BWV		EP	0 809 384	A2 .	EPO	05/20/97	Ho4 29/14
BM		WO	97/24822		PCT	07/10/97	HO4B 1208
ant		EP	0 857 000	A2	EPO	01/30/98	H040 11/00
any		EP	0 647 457	A3	Fujitsu	05/13/98	1+04Q U/00
BMX	1	wo	98/54863		PCT	05/27/98	HO4J 14/02

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Application Number	10/648,956							
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First Named Inventor:	Rajiv Ramaswami							
Group Art Unit	2855 2883							
Examiner Name	Unassigned Healy							
Attorney Docket Number	3239P081p2							

				U.S. PATENT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·	CUSS	Jub Eldss
Exam. Initial*	Cite No.1	U.S. Patent I	Document	Name of Patentee or Applicant of Cited Document	Date of Issue/ Publication of Cited	Pages, Co	umns, Lines Relevant
		Number Code ²	Kind (If known)	of oned bodument	Document	Passages	or Refevant
3 LLA		5,524,153	1	Laor	MM-DD-YYYY 6/4/1996		Appear
XXX		5,535,293	1	Buchin	7/9/1996	385	
C.VI	<u> </u>	5,539,328		Mirov, et al.	7/23/1996	335	27
ZUN	 -	5,570,371		Iga	10/29/1996	3-6	30
Buil		5,608,735	 	McCullough, et al.	3/4/1997	370	51.3
IN V		5,629,790		Neukermans, et al.	5/13/1997	375	198
(3ud		5,629,919	<u> </u>	Hayashi, et al.	5/13/1997		112
3m		5,648,618		Neukermans, et al.	7/15/1997	369	1128 81.
Ling	<u> </u>	5,666,487		Goodman, et al.	9/9/1997	395	270.76
But		5,694,389	<u> </u>	Seki, et al.	12/2/1997	375	326
Bull		5,699,463		Yang, et al.	12/16/1997	325	22
CAN		5,719,903		Hiben, et al.	2/17/1998	275	322
QW.		5,727,098		Jacobson	3/10/1998	385	22
5M		5,729,527		Gerstel, et al.	3/17/1998	370	228
13217		5,745,274		Fatehi, et al.	4/28/1998	359	187
Guve		5,774,604		McDonald	6/30/1998	385	18
(2)W	Y .	5,781,537		Ramaswami, et al.	7/14/1998	370	254
MNE		5,793,746		Gerstel, et al.	8/11/1998	3 70	228
32V/ A		5,801,863		Fatehi, et al.	9/1/1998	359	124
BW	y	5,825,877		Dan, et al.	10/20/1998	380	4

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Initial* No.		Office ³ Number ⁴ Kind Code ⁵ (If known)			of Cited Document	of Cited Document MM-DD-YYYY	Lines, Where Relevant Passages or Relevant Figures Appear
SWA		EP EE	0 849 906	A2	Fujitsu	06/24/98 1	385 24X
	À	ΕP	0 898 440	A2	EPO	02/24/99	385 24X
	Ì.,	GB	2347570	Α	United Kingdom	03/03/99	HO45 14/02
WA		WO	99/13656		PCT	03/18/99	H046 3/52
3.W.		WO	99/18751		PCT	04/15/99	385 24X
WW		EP	0 910 138	A1	EPO	04/21/99	385 24X
on		EP	0 932 069	A1	EPO	07/28/99	G02F 1/29

Examiner
Signature

Date Considered

12/20/04

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Substitute for Form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 4 of 9

Com	plete if Known
Application Number	10/648,956
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First Named Inventor:	Rajiv Ramaswami
Group Art Unit	28 55 2883
Examiner Name	Unassigned Jecly
Attorney Docket Number	3239P081D2

-				U.S. PATENT DOCUMENTS		cuss	545-CL
Exam. Initial*	Cite No.1	U.S. Patent I	Document	Name of Patentee or Applicant of Cited Document	Date of Issue/ Publication of Cited	Pages, Co Where	lumns, Lines, Relevant
		Number Code ²	Kind (If known)	0, 0,00 2000,110,11	Document MM-DD-YYYY	Passages	or Belevant s Appear
CMS		5,825,949		Choy, et al.	10/20/1998	385	24
am		5,828,476		Bonebright, et al.	10/27/1998	359	152
(SWV)		5,864,643		Pan	1/26/1999	385	33
BM		5,867,289		Gerstel, et al.	2/2/1999	359	113
BUNO		5,892,606		Fatehi, et al.	4/6/1999	359	177
QV		5,900,968		Srivastava, et al.	5/4/1999	359	341
12118		5,903,687		Young, et al.	5/11/1999	385	17
E WY		5,915,063		Colbourne, et al.	6/22/1999	385	140
SUO		5,942,937		Bell	8/24/1999	329	303
3WK		5,960,132		Lin	9/28/1999	385	18
JUM		5,963,350		Hill	10/5/1999	385	24X
2W		5,970,201		Anthony, et al.	10/19/1999	385	140
BNA	1	5,978,113		Kight	11/2/1999	359	(10
Burk		6,002,818	<u> </u>	Fatehi, et al.	12/14/1999	385	17
		6,002,818		Fatehi,et al:	12/14/1999		
BNA		6,005,993		MacDonald	12/21/1999	385	/b
		6,005,993	<u> </u>	MacDonald	12/21/1999		
EN8		6,008,915		Zyskind	12/28/1999	359	110
Burl		6,009,220		Chan, et al.	12/28/1999	385	24
(SWV)		6,046,833		Sharma, et al.	4/4/2000	359	1119

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Exam. Initial*	Cite No. ¹	Fore Office ³	ign Patent Docum Number ⁴ Kind (If I		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages Where Passages of Figures	Relevant Relevant	Т°
Same		wo	99/40738		Tol Johannes Jacobus Gerardus	08/12/99	385	24x	
BUN		EP	0 938 244	A2	Fujitsu	08/25/99	H044	11/00	
ZM		WO	00/13210		PCT	09/09/99	325	24X	
SW.		wo	99/48323		PCT	09/23/99	385	24x	
1677		EP	0 953 854	A1	EPO	11/03/99	385	24x	
ZVV2		wo	99/59272		PCT	11/18/99	3-85	24X	
BUM		WO	99/63374		Laor	12/09/99	385	124/	

Examiner	6 110 1	Date Considered	12/2/
Signature	P. Haly		12/20/04
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Substitute for Form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Group Art Unit Examiner Name Sheet 5 of 9 Attorney Docket Number U.S. PATENT DOCUMENTS Exam. Cite No. 1 Number Kind Code (If known) Number Kind Code (If known) Medard, et al.

Com	plete if Known
Application Number	10/648,956
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				U.S. PATENT DOCUMENTS		· CLASS	L CLASS
Exam.	Cite	U.S. Patent D	Document	Name of Patentee or Applicant	Date of Issue/		umns, Lipes,
Initial*	No.1	Number	Kind	of Cited Document	Publication of Cited Document		Relevant
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BW		6,069,924		Sudo, et al.	5/30/2000	375	330
75M		6,072,612		Liou, et al.	6/6/2000	359	123
BN	}	6,081,361		Adams, et al.	2/27/2000	359	188
34K		6,097,858		Laor	8/1/2000	385	/b
		6,097,859		Solgaard, et al.	8/1/2000	385	17
15 NK		6,108,311		Ramaswami, et al.	8/22/2000	370	258
ZW	Ť	6,130,876		Chaudhuri	10/10/2000	370	228
340		6,147,968		DeMoer, et al.	11/14/2000	370	225
BM		6,148,124		Aksyuk, et al.	11/14/2000	385	24
ZM	i	6,160,821		Dolle, et al.	12/12/2000	370	509
GM		6,188,810	B1	Baney	2/13/2001	370	509
(LaN)	1	6,188,814	B1	Bhalla	2/13/2001	385	113
SM	<u> </u>	6,192,172		Fatehi, et al.	2/20/2001	359	124
210	9	6,195,402	B1	Hiramatsu	2/27/2001	375	369
ENK	1	6,198,571	B1	Yanig	3/6/2001	359	33.
KIN	1	6,207,949	B1	Jackel	3/27/2001	359	33
an)	J	6,222,954	B1	Riza	4/24/2001	385	18
Bul	1	6,252,689	B1	Sharp	6/26/2001	359	168
BUR	<u> </u>	6,253,001	B1	Hoen	6/26/2001	385	117

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Exam. Initial*	Cite No. ¹	Fore Office ³	ign Patent Docum Number ⁴ Kind (If I		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
302	1	WO	99/63531		Laor	12/09/99	3 82 18×
2mg		wo	99/66354		Laor	12/23/99	3 85 18x
5114	Ī	WO	99/67666		Laor	12/29/99	3 85 18x
Bu	4	wo	00/04671		Laor	01/27/00	7 85 18x
Sil		WO	00/13210	A2	Xros, Inc.	03/09/00	785 18X
13-11		wo	00/13210	A3	Xros, Inc.	03/09/00	385 18X
BW		wo	00/20899		PCT	04/13/00	3 85 18X

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Substit	ute for F	orm 1449A/PT(O (Modified))		Comple	te if Known	-0-0-	
IN	FOR	MATION	DISCI	OSURE	Application Number		10/648,9	56	
					Filing Date		08/27/20		
S	TATE	EMENT B	y app	LICANT	First Named Inventor:		Rajiv Ramas	swami	
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Sheet	6		of	9	Attorney Docket Number		3239P081		<u>-</u>
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Exam. Initial*	Cite No.'	U.S. Patent [Document		atentee or Applicant ted Document		e of Issue/ ation of Cited		umns, Lines, Relevant
111100	'''	Number Code ²	Kind (If known)		led Document	Do	ocument DD-YYYY	Passages	or Relevant Appear
ZM	1	6,285,809	<u> </u>	Nir, et al.			9/4/2001	385	16
SIN	7	6,295,154	B1	Laor, et al.			9/25/2001	359	223
BU)	6,301,402		Bhalla, et al.			10/9/2001	3 59	128
	<u> </u>	6,317,530	B1	Ford			11/13/2001	385	17
(2M) T	L	6,374,008		Solgaard, et al.			4/16/2002	359	224
SWE	<u> </u>	6,392,220	B1	Slater, et al.			5/21/2002	250	216
Burio		6,400,730		Latif, et al.	- · · · · · · · · · · · · · · · · · · ·		6/4/2002	370	466
3W/S		6,601,482		Davis			5/9/2000	385	24X
CSNY	4	6,815,021	ļ	Fatehi, et al.			2/6/2001	385	24x
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Exam. Initial*	Cite No.¹	Fore Office ³	ign Patent Docur Number ⁴ Kin (If		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BW	σ	wo	00/20899	A2	Xros, Inc.	04/13/00	38518X
SMA	L	WO	00/20899	A3	Xros, Inc.	04/13/00	785/18x
BUNT	1	EP	0 994 635	A1	EPO	04/19/00	388118×
	1	WO	00/30282	T	PCT	05/25/00	3 85 18X
21/1	1	EP	0 857 000	A3	Nippon Electric Co.	08/09/00	385 18×
May 1		wo	00/52865		PCT	09/08/00	78518X
SW K)	wo	00/07945		Nortel Networks Corp	02/01/01	3 85 1/8 X

Examiner Signature	& Heal	Date Considered 1/2/20	104
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					Filing Date		08/27/20	
S				PLICANT	First Named Inventor:		Rajiv Rama	
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					Examiner Name		Unassigned	Heals
Sheet	7		of	9	Attorney Docket Number	er	3239P081	.D2
				U.S. PATE	ENT DOCUMENTS		,	<u></u>
Exam.	Cite	U.S. Pater	nt Document	Name of Pa	atentee or Applicant		of Issue/	Pages, Columns, Lines,
Initial*	No. ¹	Number Code ²	Kind (If known)	of Cil	led Document	Do	ation of Cited ocument DD-YYYY	Where Relevant Passages or Relevant Figures Appear
	 					 		
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					FOREIGN PATENT DOCUMEN	NTS	C4458	54B-L	
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SWA	(3	EP	1 087 556	A1	EPO	03/28/01		24X	\Box
KNY		WO	01/28136	A1	PCT	04/19/01	325	24×	
KAN		WO	01/50176	A1	Polatis Limited	07/12/01	3,85	24X	
		WO	01/63803	A1	Xros, Inc.	08/30/01	343	24×	
GNA		WO	01/71403		Xros, Inc.	09/27/01	385	24×	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified)						Complete if Known				
INFORMATION DISCLOSURE					Ε	Application Number		10/648,956		
STATEMENT BY APPLICANT					Filing Date		08/27/2003			
				1 .	First Named Inventor:		Rajiv Ramaswami			
(use as many sheets as necessary)						Group Art Unit		2855 2883		
						Examiner Name		Unassigned Herly		
Sheet 8	neet 8 of 9					Attorney Docket Number		3239P081D2		
·			OTHER	R ART - NO	PATE	NT LITERATURE DOCU	UMEN.	TS		
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						T²		
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Signature	D-Healy	Considered	12/2	20/0	4

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Substitute for Form 1449A/PTO (Modified)				Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/648,956		
				Filing Date	.08/27/2003		
				First Named Inventor:	Rajiv Ramaswami		
	(use as r	nany sheets as nece	ssary)	Group Art Unit	2855-2883		
				Examiner Name	Unassigned Heal		
Sheet !	9	of	9	Attorney Docket Number	3239P081D2		
		OTHE	R ART – NO PATE	NT LITERATURE DOCUMEN	ITS		
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
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